VIA E-Mail
RETURN RECEIPT REQUESTED

January 6, 2017

Ms. Beverley Carver
Department of Environmental Quality
Valley Regional Office
4411 Early Road
Harrisonburg, VA 22801

RE: Dominion Bremo Power Station VA0004138
Weekly Discharge Monitoring and Site Activity Report

Ms. Carver:

Dominion is submitting this letter in accordance with Part I.A.9.h. of the subject permit. Information related to discharge sampling activities for Outfall 504 conducted during the week of December 25 – December 31, 2016 is included on the enclosed Weekly Compliance Sampling Summary. There was no discharge from Outfalls 501, 502, 503, 504, or 505 during this period. In addition to the Weekly Compliance Sampling Summary, this submission includes a status report summarizing the activities related to the CCR Surface Impoundment Closure Project, and the Monthly Enhanced Metals Treatment Log.

If you have any questions or need additional information, please contact Taylor Engen at 434-842-4104.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

William Reed
Director, Power Generation Station II

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name: Bremo Power Station
Permit Number: VA0004138
Outfall Number: 504

Sample Week: 12/25/16 - 12/31/16
Report Due Date: January 6, 2017

			Sample Date	**NA**	**NA**	**NA**
			Analytical Report Date	**NA**	**NA**	**NA**
Parameter	**Units**	**Permit QL**	**Daily Maximum Limitation**	**Result**	**Result**	**Result**
Estimated Flow	MGD	-	-	0.000	0.000	0.000
pH	S.U.	NA	9.0	ND	ND	ND
Total Suspended Solids	mg/L	1.0	100.0	ND	ND	ND
Oil & Grease	mg/L	5.0	20.0	ND	ND	ND
Antimony, Total Recoverable	ug/L	5.0	2,100	ND	ND	ND
Arsenic, Total Recoverable	ug/L	5.0	530	ND	ND	ND
Cadmium, Total Recoverable	ug/L	1.0	3.2	ND	ND	ND
Chromium III, Total Recoverable	ug/L	5.0	220	ND	ND	ND
Chromium VI, Total Recoverable	ug/L	5.0	34	ND	ND	ND
Copper, Total Recoverable	ug/L	5.0	23	ND	ND	ND
Lead, Total Recoverable	ug/L	5.0	35	ND	ND	ND
Mercury, Total Recoverable	ug/L	0.1	2.8	ND	ND	ND
Nickel, Total Recoverable	ug/L	5.0	57	ND	ND	ND
Selenium, Total Recoverable	ug/L	5.0	18	ND	ND	ND
Silver, Total Recoverable	ug/L	0.4	5.0	ND	ND	ND
Thallium, Total Recoverable	ug/L	1.0	1.4	ND	ND	ND
Zinc, Total Recoverable	ug/L	25	210	ND	ND	ND
Chloride	mg/L	10	820	ND	ND	ND
Ammonia-N	mg/L	0.20	14	ND	ND	ND
Hardness	mg/L	NA	NL	ND	ND	ND

Notes:

pH values must remain between a minimum of 6 S.U. and a maximum of 9 S.U. pH values are measured in the field.
Analytical results below the permit Quantification Level (QL) are to be reported as "<QL," as required in Section I.C.2 of the Permit
QL = Quantification Level
NA = Not Applicable
NL = No Limitation, monitoring required
ND = No Discharge during monitoring period

00020741

Dominion – Bremo Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 12/31/2016
• No Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002. • 1.56 MG of water from the Stormwater Management Pond was filtered and discharged via Outfall 002. • The CSWTS, and ash hauling, were shut down for the holiday break.

Ongoing Activities
• Transport of material from the West Pond to the North Pond. • Installation of wellpoints and headers in the North Pond. • Pumping of water (filtered) from the Stormwater Management Pond to Outfall 002. • Discharge of CSWTS-treated water to Outfall 002. • Confirmation of no discharge at Outfall 004.

Look Ahead
• The CSWTS will restart no earlier than1/5/2017.

Date	Bremo Power Station Enhanced Metals Treatment Log - December 2016		
	ON (Time)	OFF (Time)	Reason(s) for Enhanced Treatment Activation
1-Dec		X	
2-Dec	X (12:03)	X (17:53)	12:03 - EMT ON at project discretion for an elevated Arsenic reading. No trigger was reach. 17:53 - EMT OFF after all parameter values below trigger levels for 3 consecutive process samples.
3-Dec	X (09:07)	X (15:50)	09:07 - EMT ON because Arsenic trigger value was reached. 15:50 - EMT OFF after all parameter values below trigger levels for 3 consecutive process samples.
4-Dec		X	
5-Dec	X (14:58)		EMT ON at project discretion for increasing arsenic and chromium values. No trigger values were reached.
6-Dec	X (13:44)	X (05:23)	05:23 - EMT OFF after all parameter values below trigger levels for 3 consecutive process samples. 13:44 - EMT ON at project discretion for increasing arsenic and chromium values. No trigger values were reached.
7-Dec		X (03:04)	EMT OFF after all parameter values below trigger levels for 3 consecutive process samples.
8-Dec		X	
9-Dec		X	
10-Dec	X (20:00)		EMT ON at project discretion based on elevated arsenic readings, no trigger values reached.
11-Dec	X (21:45)	X (02:10)	02:10 - EMT OFF after all parameter values below trigger levels for 3 consecutive process samples. 21:45 - EMT ON due to a high arsenic trigger. At this time we were seeing issues with turbidity and arsenic.
12-Dec		X (12:00)	12:00 - EMT OFF along with entire system. However, arsenic was still high when we turned it off. Pace needed to perform maintenance and we needed to understand the arsenic readings - which was a filter cartridge. S1 was seeing unfiltered water. Tank #1, which was being filled, was locked and tagged.
13-Dec	X (20:38)		EMT ON with a system restart of Tank 1 recirculation. We chose to put EMT in based upon what we were seeing on 12/12.
14-Dec		X (17:00)	EMT OFF and the system was shutdown for the holiday.
15-Dec		X	
16-Dec		X	
17-Dec		X	
18-Dec		X	
19-Dec		X	
20-Dec		X	
21-Dec		X	
22-Dec		X	
23-Dec		X	
24-Dec		X	
25-Dec		X	
26-Dec		X	
27-Dec		X	
28-Dec		X	
29-Dec		X	
30-Dec		X	
31-Dec		X	

NOTES: 1) All On/Off times are approximate